

Water Resource Inventory Area 20 Phase II Technical Assessment



WATER RESOURCE INVENTORY AREA 20 (WRIA 20)

FINAL DRAFT

PHASE II TECHNICAL ASSESSMENT REPORT

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TABLE OF CONTENTS

1.0	INTRODUCTION AND BACKGROUND.....	1
1.1	Introduction to Phase II Planning.....	1
1.2	Watershed Summary	2
1.2.1	History	2
1.2.2	Land Management.....	3
1.2.3	Dominant Processes	3
1.3	Tribal Management	4
1.4	Sub-Basin Descriptions	4
1.4.1	Hoh Sub-Basin	4
1.4.2	Ozette Sub-Basin.....	4
1.4.3	Quillayute Sub-Basins.....	5
1.4.3.1	Bogachiel Sub-Basin.....	5
1.4.3.2	Calawah Sub-Basin	5
1.4.3.3	Dickey Sub-Basin.....	5
1.4.3.4	Sol Duc Sub-Basin	5
1.4.4	Sooes/Waatch Sub-Basin	6
2.0	GROUNDWATER RESOURCES AND GEOLOGY	7
2.1	Introduction	7
2.1.1	Study Area.....	7
2.1.2	WRIA 20 Geologic History.....	7
2.1.3	Previous Studies and Data Sources	8
2.1.4	Aquifer Parameters.....	10
2.2	Groundwater Resources	11
2.2.1	Principal Hydrogeologic Units.....	11
2.2.2	Distribution of Wells in WRIA 20	12
2.2.3	Hydrogeologic Characteristics of Geologic Materials	12
2.2.4	Regional Groundwater Quality Concerns	13
2.3	Groundwater-Surface Water Interaction	14
2.3.1	Hydraulic Continuity.....	14
2.3.2	Regulatory Issues	15
2.4	Groundwater Availability - Summary and Recommendations.....	16
2.4.1	Quantifying Water Present	16
2.4.2	Quantifying Available Water	17
2.4.3	Quantifying Water Available For Future Allocation.....	17
2.4.4	Other Recommendations	17
3.0	ALLOCATED WATER RIGHTS.....	20
3.1	Water Rights in Washington	20
3.1.1	State Administered Water Rights.....	20
3.1.2	Tribal Water Rights.....	22
3.2	Assessment of Water Allocation	22
3.2.1	Characterization by Purpose of Use	23
3.2.2	Assignment of Annual Withdrawals or Diversions.....	24
3.2.2.1	Certificates and Permits	24

3.2.2.2	Assignment of Qa to Claims	25
3.3	Allocation by Sub-Basin	25
3.4	Results	26
3.5	Administrative Status of Instream Flows	27
3.6	Discussion and Recommendations	27
4.0	OUT-OF-STREAM WATER USE	29
4.1	General Water Use Assumptions	29
4.2	Current Water Use.....	30
4.2.1	Municipal Purveyor Water Use.....	30
4.2.2	Exempt Well Use	32
4.2.3	Agricultural Water Use	34
4.2.4	Forestry-Related Use.....	35
4.2.5	Tribal Water Use	35
4.2.6	Total Annual Water Use.....	36
4.3	Future Water Use	36
4.3.1	Future Municipal (Purveyor) and Domestic Exempt Well Use	36
4.4	Summary	37
5.0	WATER BALANCE.....	39
5.1	Study Area.....	39
5.2	Previous Studies	40
5.3	Background Issues.....	40
5.3.1	Streamflow Estimates.....	40
5.3.2	Fog Drip	41
5.4	Hydrologic Cycle	41
5.4.1	Anthropogenic Changes	42
5.4.2	Climate Variability and Climate Change	42
5.4.3	Forest Management	44
5.5	Water Balance Objective and Level of Detail.....	44
5.6	Water Balance Approach.....	45
5.6.1	Annual Water Balance	46
5.6.2	Monthly Water Balance	46
5.6.3	Rainfall and Snow Accumulation/Melt.....	46
5.7	Water Balance Data Sources	47
5.7.1	Precipitation	47
5.7.2	Streamflow	48
5.7.3	Temperature	48
5.7.4	Water Use.....	49
5.7.5	Evapotranspiration	49
5.8	Summary of Results	50
5.9	Discussion of Results	51
6.0	LAND USE.....	53
6.1	Land Cover in WRIA 20	53
6.2	Land Use in WRIA 20	54
6.3	Effects of Land Use on Water Resources.....	54
6.3.1	Overall Watershed.....	55
6.3.2	Forest Lands	56

6.4	6.3.3 Pavement/Urbanization	60
6.4	Forest Land Management in WRIA 20	60
6.4.1	Olympic National Park	60
6.4.2	Olympic National Forest Lands	60
6.4.3	State and Private Commercial Forestry	61
6.5	Management of Non-Forest Lands in WRIA 20	61
6.5.1	Clallam and Jefferson County Zoning Designations	61
6.6	Summary	62
7.0	FISH DISTRIBUTION AND HABITAT	63
7.1	Bogachiel Sub-Basin	63
7.1.1	Fish Distribution	63
7.1.2	Habitat	63
7.1.2.1	Sedimentation and LWD	63
7.1.2.2	Barriers	63
7.2	Calawah Sub-Basin	64
7.2.1	North Fork Calawah Fish Distribution	64
7.2.2	North Fork Calawah Habitat	64
7.2.2.1	Large Woody Debris	64
7.2.2.2	Shade	65
7.2.2.3	Sedimentation	65
7.2.2.4	Barriers	65
7.2.3	South Fork Calawah and Siktum River Fish Distribution	65
7.2.4	South Fork Calawah and Siktum River Habitat	66
7.2.4.1	LWD	66
7.2.4.2	Shade	66
7.2.4.3	Sedimentation	66
7.3	Dickey Sub-Basin	67
7.3.1	Fish Distribution	67
7.3.2	Habitat	67
7.3.2.1	Off Channel Habitat	67
7.3.2.2	LWD	67
7.3.2.3	Temperature	68
7.3.2.4	Sediment	68
7.3.2.5	Barriers	68
7.4	Hoh Sub-Basin	69
7.4.1	Fish Distribution	69
7.4.2	Habitat	69
7.4.2.1	LWD	69
7.4.2.2	Sedimentation	70
7.4.2.3	Off-Channel Habitat	71
7.4.2.4	Barriers	71
7.5	Ozette Sub-Basin	72
7.5.1	Fish Distribution	72
7.5.2	Habitat	72
7.5.2.1	Sedimentation	72
7.5.2.2	LWD	73
7.6	Sol Duc Sub-Basin	73
7.6.1	Fish Composition and Distribution	73
7.6.2	Habitat	73

7.6.2.1	LWD.....	73
7.6.2.2	Sedimentation.....	74
7.6.2.3	Shade	74
7.6.2.4	Barriers.....	75
7.7	Sooes/Waatch Sub-basin	75
7.7.1	Fish Distribution.....	75
7.7.2	Habitat	75
7.7.2.1	Sedimentation.....	75
7.7.2.2	LWD.....	75
8.0	FISH HABITAT-RELATED PLANS AND POLICIES.....	76
8.1	Tribal and Federal Programs and Management.....	76
8.1.1	Fisheries Co-Managers.....	76
8.1.2	Bull Trout Recovery Plan.....	76
8.1.3	Lake Ozette Sockeye Recovery Working Group	77
8.1.4	Clean Water Act	77
8.1.5	Northwest Forest Plan	78
8.1.6	Olympic Coast National Marine Sanctuary.....	78
8.1.7	Olympic National Park.....	78
8.2	State Policies and Programs	78
8.2.1	Washington Department of Fish and Wildlife	78
8.2.2	Growth Management Act	79
8.2.2.1	Clallam County Comprehensive Plan	79
8.2.2.2	Jefferson County Comprehensive Plan	80
8.2.3	Shoreline Management Act.....	81
8.2.3.1	Clallam County Shoreline Master Plan	81
8.2.3.2	Jefferson County Shoreline Master Plan	81
8.2.3.3	City of Forks Shoreline Master Plan	81
8.2.4	Forest and Fish Rules	82
8.2.5	Salmon Recovery Act.....	82
8.2.5.1	NOPLE Lead Entity Strategy	82
8.2.6	USFS Water Quality Compliance	82
8.2.7	Washington State Department of Transportation	83
9.0	WATER QUALITY	84
9.1	Establishing TMDLs	85
9.2	1998 303(d) listings in WRIA 20	86
9.2.1	Bogachiel Sub-Basin	86
9.2.2	Calawah Sub-Basin	86
9.2.3	Hoh Sub-Basin	88
9.2.4	Ozette Sub-Basin.....	89
9.2.5	Sol Duc Sub-Basin	90
9.2.6	Sooes/Waatch Sub-Basin	91
9.3	2002/2004 draft Water Quality Assessment.....	91
10.0	PHASE II SUMMARY AND RECOMMENDATIONS	92
10.1	Groundwater Resources and Geology Summary	92
10.2	Water Allocation Summary.....	93
10.3	Water Use Summary	94

10.4	Water Balance Summary	95
10.5	Land Use Summary	96
10.6	Fish Distribution and Habitat Summary	97
10.7	Fish Habitat-Related Plans and Policies Summary	98
	10.7.1 Federal Plans and Programs Summary	98
	10.7.2 State Policies and Programs Summary	98
10.8	Water Quality Summary	99
11.0	REFERENCES	100
12.0	ADDITIONAL REFERENCES	110

LIST OF TABLES

Table 2-1	Generalized Locations of Wells in Sub-Basins WRIA 20
Table 2-2	Transmissivity Values for Aquifer Material in WRIA 20
Table 2-3	Water Quality Inorganic MCL Exceedances in Public Water Systems in WRIA 20
Table 2-4	Generalized Water Quality of Wells on the Hoh Reservation
Table 2-5	Generalized Water Quality of Wells on the Makah Reservation
Table 2-6	Generalized Water Quality of Wells Serving the Quileute Reservation
Table 3-1	Summary of WOB Database for WRIA 20 (Number of Documents)
Table 3-2	WOB Database Analysis
Table 3-3	Summary of Allocation Assessment
Table 3-4	Summary of Allocation by Sub-Basin and Document Type
Table 3-5	Summary of Allocation by Sub-Basin and Purpose of Use
Table 4-1	Public Water Supply Systems in WRIA 20
Table 4-2a	Current 2000 Public Water System (PWS) and Exempt Well Use
Table 4-2b	Current 2000 Non-Community Public Water System (PWS) Water Use
Table 4-3	City of Forks Monthly Water Use and Wastewater Discharge Summary
Table 4-4	Total Annual Agricultural Water Use by Sub-Basin
Table 4-5	Quileute Tribe Monthly Water Use Summary
Table 4-6	Total Annual Water Use by Sub-Basin
Table 4-7	Projected 2025 Residential Water Use (Group A and B Systems and Exempt Wells)
Table 5-1	Potential ENSO and PDO Impacts on the Pacific Northwest Environment
Table 5-2	ENSO/PDO Phases Since 1900
Table 5-3	Projected Changes in Average Annual Pacific Northwest Temperature and Precipitation for the Decades of the 2020s and 2040s.
Table 5-4	Potential Effects of Deforestation
Table 5-5	WRIA 20 Sub-Basin Elevations and Areas
Table 5-6	PRISM Annual and Monthly Precipitation
Table 5-7	Climate Station Summary and Comparison with PRISM Output (1961 – 1999)
Table 5-8a	Mean Monthly Flows at Sub-Basin Outlets (cfs)
Table 5-8b	BOR Altered Monthly Runoff (inches)
Table 5-9	PRISM Annual and Monthly Temperature

Table 5-10a	Monthly Domestic Water Use (AF/Month)
Table 5-10b	Monthly Agricultural Water Use (AF/Month)
Table 5-10c	Total Monthly Water Use (AF/Month)
Table 5-11	Summary of Annual and Monthly Actual Evapotranspiration (AET)
Table 5-12	Comparison of Monthly Actual Evapotranspiration Using Three Methods
Table 5-13	Annual Water Balance for WRIA 20
Table 5-14	Bogachiel Sub-Basin Monthly Water Balance
Table 5-15	Calawah Sub-Basin Monthly Water Balance
Table 5-16	Dickey Sub-Basin Monthly Water Balance
Table 5-17	Hoh Sub-Basin Monthly Water Balance
Table 5-18	Ozette Sub-Basin Monthly Water Balance
Table 5-19	Sol Duc Sub-Basin Monthly Water Balance
Table 5-20	Sooes Sub-Basin Monthly Water Balance
Table 6-1	NLCD Land Cover in Acres by Sub-Basin
Table 6-2	NLCD Land Cover by Percent of Sub-Basin
Table 6-3	Jefferson County Zoning in WRIA 20
Table 6-4	Clallam County Zoning in WRIA 20
Table 7-1	Bogachiel Salmon and Steelhead Stocks and Status
Table 7-2	Run and Spawn Times for Quillayute/Bogachiel Salmonids
Table 7-3	Run Times for Calawah Salmonids
Table 7-4	Dickey Salmon and Steelhead Stocks and Status
Table 7-5	Run and Spawn Times for Dickey Salmonids
Table 7-6	Hoh Salmon and Steelhead Stocks and Status
Table 7-7	Run and Spawn Times for Hoh Salmonids
Table 7-8	Ozette Salmon and Steelhead Stocks and Status
Table 7-9	Run Times for Ozette Salmonids
Table 7-10	Contribution of Selected Sol Duc Watershed Salmonid Stocks to Total Natural Spawning Escapements in the Quillayute River Basin
Table 7-11	Status of Select Anadromous Fish Stocks in the Sol Duc Watershed
Table 7-12	Run Times for Sol Duc Salmonids
Table 7-13	Sooes/Waatch Salmon and Steelhead Stocks and Status
Table 7-14	Run and Spawn Times for Sooies Salmonids
Table 9-1	Water Quality Excursions on the 1998 303(d) list in the Class AA Bogachiel Watershed
Table 9-2	Water Quality Excursions on the 1998 303(d) list in the Class AA North Fork Calawah Watershed
Table 9-3	Summary of Water Temperature Data in the South Fork Calawah and Siktum Watersheds
Table 9-4	Summary of Dissolved Oxygen Data for South Fork Calawah and Siktum Watersheds
Table 9-5	Water Quality Excursions on the 1998 303(d) list in the Class A Dickey Watershed
Table 9-6	Water Quality Excursions on the 1998 303(d) list in the Class AA Hoh Watershed
Table 9-7	Water Quality Excursions on the 1998 303(d) list in the Class AA Sol Duc
Table 9-8	Water Quality Excursions on the 1998 303(d) list in the Class AA Sooies/Waatch
Table 9-9	Draft 2002/2004 Water Quality Assessment
Table 9-10	Draft 2002/2004 Water Quality Assessment Listings in Bogachiel Sub-Basin
Table 9-11	Draft 2002/2004 Water Quality Assessment Listings in Calawah Sub-Basin

Table 9-12	Draft 2002/2004 Water Quality Assessment Listings in Dickey Sub-Basin
Table 9-13	Draft 2002/2004 Water Quality Assessment Listings in Hoh Sub-Basin
Table 9-14	Draft 2002/2004 Water Quality Assessment Listings in Ozette Sub-Basin
Table 9-15	Draft 2002/2004 Water Quality Assessment Listings in the Pacific 5 Sub-Basins
Table 9-16	Draft 2002/2004 Water Quality Assessment Listings in Sol Duc Sub-Basin
Table 9-17	Draft 2002/2004 Water Quality Assessment Listings in Sooes Sub-Basin
Table 10-1	Comparison of Water Rights versus Water Use Quantities

LIST OF FIGURES

Figure 1-1	Watershed Overview
Figure 2-1	Generalized Geology
Figure 2-2	Location of Wells on File at Ecology
Figure 2-3	Location of Dry Wells
Figure 2-4	Aquifer Transmissivity Estimates
Figure 2-5	Depth to Consolidated Rock
Figure 2-6	Location of Public Water System Wells
Figure 3-1	Surface Water Certificates and Permits
Figure 3-2	Surface Water Claims
Figure 3-3	Groundwater Certificates and Permits
Figure 3-4	Groundwater Claims
Figure 3-5	Municipal and Domestic Surface Water Rights and Claims
Figure 3-6	Municipal and Domestic Groundwater Rights and Claims
Figure 3-7	Irrigation Surface Water Rights and Claims
Figure 3-8	Irrigation Groundwater Rights and Claims
Figure 3-9	Applications for New Water Rights and Change Applications
Figure 5-1	Sub-Basins and Surface Water Monitoring Stations
Figure 5-2	Hydrologic Cycle
Figure 5-3	Monthly Values for the PDO Index January 1900 to February 2003
Figure 5-4	Average Annual PRISM Precipitation
Figure 5-5	Precipitation Zones
Figure 5-6	Climate Stations
Figure 5-7a	Bogachiel River at Outlet Exceedance Flows
Figure 5-7b	Calawah River at Outlet Exceedance Flows
Figure 5-7c	Dickey River at Outlet Exceedance Flows
Figure 5-7d	Hoh River at Outlet Exceedance Flows
Figure 5-7e	Quillayute River at Outlet Exceedance Flows
Figure 5-7f	Sol Duc River at Outlet Exceedance Flows
Figure 5-7g	Sooes River at the Ocean Outlet Exceedance Flows
Figure 5-7h	Ozette River at the Ocean Outlet Exceedance Flows
Figure 5-8	Annual Water Balance by Sub-Basin
Figure 5-9	Annual Distribution of Water in WRIA 20
Figure 5-10	Summer Water Balance for WRIA 20 and Calawah Sub-Basin
Figure 5-11	Summer Water Balance by Sub-Basin

- Figure 6-1 NLCD Land Cover
Figure 6-2 Clallam and Jefferson County Zoning
Figure 6-3 Major Public Lands
Figure 6-4 Timber Harvest Summary Clallam County
Figure 6-5 Timber Harvest Summary Jefferson County
Figure 6-6 Northwest Forest Plan Zoning in Olympic National Forest
Figure 6-7 Olympic National Forest Tree Age Class

LIST OF APPENDICES

- Appendix A Annotated Bibliography by Abigail Hook
Appendix B Bureau of Reclamation Watershed Characteristics Methodology

LIST OF ABBREVIATIONS

AET	annual actual evapotranspiration
AF	acre feet
ASCE	American Society of Civil Engineers
ASR	Aquifer Storage and Recovery
BMP	best management practices
BOR	United States Bureau of Reclamation
CARA	Critical Aquifer Recharge Area
CCC	Clallam County Code
cfs	cubic feet per second
CIG	Climate Impacts Group
CWA	Clean Water Act
DEM	Digital Elevation Map
DO	dissolved oxygen
DWAIN	Drinking Water Automated Information Network
Ecology	Washington Department of Ecology
EIS	Environmental Impact Statement
ENSO	El Nino/Southern Oscillation
EPA	Environmental Protection Agency
ESA	Environmental Species Act
ET	Evapotranspiration
FLIR	Forward Looking Infrared
GMA	Growth Management Act
gpdpc	gallons per day per capita
gpm	gallons per minute
GUI	groundwater under the influence
HCP	Habitat Conservation Plan
LFA	Limiting Factors Report
LWD	large woody debris
MCL	Maximum Contaminant Level
MOA	Memorandum of Agreement
mya	million years ago
NFP	National Forest Plan
NLCD	National Land Cover Database

NOAA	National Oceanic and Atmospheric Administration
NOAA/NWS COOP	NOAA/National Weather Service Cooperative
NOPLE	North Olympic Peninsula Lead Entity
NTU	Nephelometric Turbidity Units
NWS	National Weather Service
OFM	Office of Financial Management
ONRC	Olympic Natural Resources Center
OPGA	Olympic Peninsula Guides Association
PCHB	Pollution Control Hearing Board
PDO	Pacific Decadal Oscillation
PET	Potential Evapotranspiration
PRISM	Parameter-elevation regressions on independent slopes model
PWS	public water system
Qa	Annual withdrawal/discharge rate
Qi	Instantaneous withdrawal/discharge rate
QNR	Quileute Natural Resources
RCW	Revised Code of Washington
RM	River Mile
SADIE	System for Automated DWAIN Information Extraction
SASSI	State Salmon and Steelhead Stock Inventory
SDWA	Safe Drinking Water Act
SMP	Shoreline Master Plan
SNOTEL	Snowpack Telemetry
SOC	Synthetic Organic Compounds
SWSL	Surface Water Source Limitation
TMDL	Total Maximum Daily Load
TRS	Township Range Section
USDA	United States Department of Agriculture
USDI	United States Department of the Interior
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UW	University of Washington
VOC	Volatile Organic Compounds
WAC	Washington Administrative Code
WDFW	Washington Department of Fish and Wildlife
WDNR	Washington State Department of Natural Resources
WDOH	Washington Department of Health
WFPA	Washington Forest Protection Association
WRATS	Water Rights Application Tracking System
WOB	“WRATS on a Bun”
WRIA	Water Resource Inventory Area